

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

| | | | |
|----------|------------------|-------------------------|----------|
| AIRPORT: | DEER LODGE (38S) | AIRPORT REFERENCE CODE: | B-I (SM) |
| CITY: | DEER LODGE | APPROACH TYPE: | VISUAL |
| CONTACT: | RON KELLY | DATE INVENTORIED: | 1-11-96 |
| PHONE #: | 846-2300 | INSPECTED BY: | RSD |

| | REQUIRED | ACTUAL | ALP | CONFORM |
|--|----------------------------------|---------------|---------|---------|
| RUNWAY 12/30 INVENTORY | | | | |
| DISTANCE TO: | | | | |
| HOLD LINES FROM CENTERLINE: | 125' | 200' | | ✓ |
| PARALLEL TAXIWAY FROM CENTERLINE: | 150' | 470' & 487.5' | | ✓ |
| AIRCRAFT PARKING FROM CENTERLINE: | 125' | 222.5' | | ✓ |
| RUNWAY WIDTH: | 60' | 75' | | ✓ |
| RUNWAY LENGTH: | 5,830 (1) | | 4,400' | 75% |
| RUNWAY SAFETY AREA (RSA) WIDTH: | 120' | OK | | ✓ |
| RUNWAY OBJECT FREE AREA (OFA) WIDTH: | 250' | (2) | | NO |
| PRIMARY / TRANSITION SURFACE PENETRATIONS: | 250' W & 7:1 | (3) - (8) | | NO |
| LONGITUDINAL GRADE - SITE DIST. PROBLEMS: | | OK | | ✓ |
| OBSTACLE FREE ZONE ANALYSIS: | 250' WIDE x 200' BEYOND | | | (2) |
| PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): | 1.5" - 3" | 1.5" | | ✓ |
| PAVEMENT MARKING TYPE: | BASIC | BASIC | | ✓ |
| PAVEMENT MARKING CONDITION: | | NEW | | N/A |
| RUNWAY 12 END INVENTORY | | | | |
| SAFETY AREA (RSA) BEYOND RUNWAY END: | 240' | OK | | ✓ |
| OBJECT FREE AREA (OFA) BEYOND RUNWAY END: | 240' | OK | | ✓ |
| APPROACH OBSTRUCTIONS: | 20:1 | NONE | | ✓ |
| RUNWAY END ELEVATION: | | | 4,687.7 | N/A |
| RUNWAY 30 END INVENTORY | | | | |
| SAFETY AREA (RSA) BEYOND RUNWAY END: | 240' | OK | | ✓ |
| OBJECT FREE AREA (OFA) BEYOND RUNWAY END: | 240' | OK | | ✓ |
| APPROACH OBSTRUCTIONS: | 20:1 | NONE | | ✓ |
| RUNWAY END ELEVATION: | | | 4,634.7 | N/A |
| RUNWAY LIGHTING INVENTORY | | | | |
| DISTANCE FROM PAVEMENT EDGE: | 10' | 10' | | ✓ |
| MAXIMUM DISTANCE BETWEEN LIGHTS: | 200' | OK | | ✓ |
| TYPE: | MIRL, BASE MOUNTED, CROUSE-HINDS | | | N/A |
| CONDITION: | | GOOD | | N/A |
| COLOR: | WHITE | WHITE | | ✓ |
| THRESHOLD 12 | | | | |
| DISTANCE FROM PAVEMENT EDGE: | 10' | 10' | | ✓ |
| MAXIMUM DISTANCE BETWEEN LIGHTS: | 10' | 10' | | ✓ |
| COLOR: | RED/GREEN | RED/GREEN | | ✓ |
| THRESHOLD 30 | | | | |
| DISTANCE FROM PAVEMENT EDGE: | 10' | 10' | | ✓ |
| MAXIMUM DISTANCE BETWEEN LIGHTS: | 10' | 10' | | ✓ |
| COLOR: | RED/GREEN | RED/GREEN | | ✓ |

COMMENTS:

(1) R/W LENGTH OF 4,240' FOR 75%, 5,590' FOR 95% AND 5,830' FOR 100% COVERAGE; ALP ULT OF 5,700' SHOWN

(2) FENCE S OF RW AT MIDFIELD IN OFA

(3) BRUSH IN DITCH S OF RW IN PRIMARY AND TRANSITION SURFACE AT 30 END

(4) BRUSH AT 150' S OF RW CL PENETRATES TRANSITIONAL SURFACE (37%)

(5) COTTON WOOD TREES N OF RW OUTSIDE FENCE LINE PENETRATES TRANSITIONAL SURFACE (22%)

(6) TREES AND BRUSH IN DITCH @ MIDFIELD ON BOTH SIDES OF RUNWAY PENETRATES TRANSITIONAL SURFACE

(7) FENCE AND FENCE LADDER PENETRATE TRANSITIONAL SURFACE (28% & 38%)

(8) NON-FRANGIBLE WIND CONE 131' N OF RW CL @ 30 END PENETRATES TRANSITIONAL SURFACE

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|---|-----------|------------|-----|---------|
| TAXIWAY INVENTORY | | | | |
| TAXIWAY WIDTH: | 25' | 40' & 35' | | ✓ |
| TAXIWAY SAFETY AREA WIDTH: | 49 | OK | | ✓ |
| TAXIWAY OBJECT FREE AREA WIDTH: | 89 | OK | | ✓ |
| DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ. | 44.5 | OK | | ✓ |
| PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): | 1.5" - 3" | 1.5" | | ✓ |
| PAVEMENT MARKING TYPE: | | YELLOW | | ✓ |
| PAVEMENT MARKING CONDITION: | | GOOD | | N/A |
| TAXIWAY LIGHTING INVENTORY | | | | |
| DISTANCE FROM PAVEMENT EDGE: | 10' | (1) 10' | | N/A |
| MAXIMUM DISTANCE BETWEEN LIGHTS: | 200' | OK | | |
| TYPE: | | REFLECTORS | | |
| CONDITION: | | NEW | | |
| COLOR: | | BLUE | | |

MISCELLANEOUS

| | |
|--|--|
| TYPE OF BEACON: | MOUNTED ON 60' METAL TOWER NORTH OF RUNWAY |
| SIZE OF BEACON: | 36" |
| OTHER LIGHTING AIDS (VASI,PAPI,REIL): | BOTH ENDS: CROUSE-HINDS PAPI, NEW, 50' OFF PVMT EDGE |
| WINDCONE (CONDITION & COMPLIANCE): | SOUTH OF RW ~335', LIGHTED, 25', TOP IN POOR COND |
| SEGMENTED CIRCLE (CONDITION & COMPLIANCE): | METAL PANEL CONSTRUCTION IN POOR CONDITION |
| WINDCONE (CONDITION & COMPLIANCE): | 131' NORTH OF RW CL @ 30 END, UNLIGHTED, HOME-BUILT CONST. |
| SEGMENTED CIRCLE (CONDITION & COMPLIANCE): | NONE |
| FENCING: | GOOD |
| SIGNS: (TYPE, CONDITION, PLACEMENT) | ONE LUMACURVE, NEW, 12' OFF PVMT EDGE |

COMMENTS:

(1) ENTRANCE BLUE LIGHTS PAIRS MARKING TAXIWAY EXIT, BLUE REFLECTOR PAIRS MARK JUGHANDLE EXITS
